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II. AMENDMENTS TO THE CLAIMS:

The text of all claims under examination is submitted, and the status of each is identified. This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

Claims 1-39 (Canceled)

40. (Currently amended) A dietary supplement composition, comprising:
a nutritionally effective ~~amount~~ amounts of isolated and purified galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine and xylose.

41. (Previously presented) A dietary supplement composition according to claim 40, wherein said composition further comprises rice flour.

42. (Previously presented) A dietary supplement composition according to claim 41, wherein said composition further comprises a flowing agent and a lubricant.

43. (Previously presented) A dietary supplement composition according to claim 41, wherein said galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine, xylose and rice flour are present in said composition in a weight ratio of about 1:1:1:1:1:1:1:8.

Claims 44-47 (canceled)

48. (Previously presented) A dietary supplement composition according to claim 40, wherein said isolated and purified galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine and xylose are powdered.

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49. (Previously presented) A dietary supplement composition according to claim 40, wherein said isolated and purified galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine and xylose are encapsulated.

50. (Previously presented) A dietary supplement composition according to claim 40, wherein said isolated and purified galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine and xylose are in solution.

51. (Previously presented) A dietary supplement composition according to claim 40, wherein said composition comprises from about 1 to about 48 weight percent of each of isolated and purified galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine and xylose.

52. (Previously presented) A dietary supplement composition according to claim 40, wherein said composition comprises from about 0.1 to about 75 weight percent of each of isolated and purified galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine and xylose.

53. (Previously presented) A dietary supplement composition according to claim 41, wherein said galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine and xylose are isolated and purified from predigested gum tragacanth, guar gum, grain flour, rice flour, sugar cane, beet sugar, potato, milk, agar, algin, locust bean gum, psyllium, karaya gum, seed gums, Larch tree extract, aloe vera extract, gum ghatti, starch, cellulose, degraded cellulose, fructose, high fructose corn syrup, pectin, chitin, acacia, gum arabic, alginic acid, carrageenan, dextran, xanthan gum, chondroitin sulfate, sucrose, acetylated polymannose, maltose, glucan, lentinan, mannan, levan, hemicellulose, inulin, fructan or lactose.

54. (Previously presented) A dietary supplement composition according to claim 40, wherein said composition comprises from about 1 to about 10 weight percent of each of isolated and

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purified galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine and xylose.